

CLAIMS

1. A numeral value display apparatus comprising:
 - a display processing unit for reading a numeral value stored in a storage member so as to control a display operation;
 - a numeral value display device for displaying information derived from the display process unit; and
 - an operation key for switching the display of the numeral value display device in a manual manner,
- a numeral value display system, wherein
 - in a case that the display processing unit executes such an operation that the numeral value stored in the storage member is read out to display the read numeral value,
 - if a digit number of the numeral value to be displayed is larger than a displayable digit number of the numeral value display device, the display processing unit controls to subdivide the numeral value into a preset digit number in order that such a fact that which numeral portion of the numeral value to be displayed is displayed can be grasped, and to display a portion of the subdivided numeral values.

2. The numeral value display system as in claim 1, wherein

the operation key includes: at least one of a left key and a right key; and

the display processing unit includes: a member for setting a display unit variable which is required to control display positions of the numeral value every preset dividing digit number and for switching a digit portion of the numeral value based upon the display unit variable every time the operation key is depressed.

3. The numeral value display system as in claim 1, or 2, wherein

the display processing unit includes:

a member for incrementing the display unit variable when the left key is depressed;

a member for decrementing the display unit variable when the right key is depressed; and

a member for switching a numeral value portion to be displayed based upon the value of the display unit variable.

4. The numeral value display system as in claim 1, or 2, wherein

the operation key includes: only the left key; and

the display processing unit includes: a member for incrementing the display unit variable up to a preset maximum value when the left key is depressed and for changing the maximum value into "0"; and a member for switching a numeral portion to be displayed based upon the value of the display unit variable to display the switched numeral portion.

5. The numeral value display system as in claim 1, or 2, wherein

the operation key includes: both an up key and a down key; and

while an editing digit variable is set to the display processing unit, and the editing digit variable is required so as to edit a portion of a numeral value, which is displayed on the display device every dividing digit number,

the display processing unit includes: a member for incrementing an editing digit when the up key is depressed; a member for decrementing the editing digit when the down key is depressed; a member for incrementing an editing digit variable when the left key is depressed; a member for decrementing the editing digit variable when the right key is depressed; a member for determining a value of

a display unit variable based upon the value of the editing digit variable; and a member for switching a portion of a numeral value to be displayed based upon the value of the display unit variable to display the switched portion of the numeral value and for clearly displaying the relevant editing digit.

6. The numeral value display system as in claim 1, or 2, wherein

the operation key includes: an up key and a down key in addition to the left key; and

the editing digit variable required to edit a portion of a numeral value which is displayed on the display device every dividing digit number is set to the display,

the display processing unit includes: a member for incrementing an editing digit when the up key is depressed; a member for decrementing the editing digit when the down key is depressed; a member for incrementing an editing digit variable until the digit is reached to an uppermost order digit and for changing the uppermost order digit to 0; a member for determining a value of a display unit variable based upon the value of the editing digit variable; and a member for switching a portion of a numeral value to be displayed based upon the value of the display unit variable to display the switched portion of the numeral value and for clearly displaying the relevant editing digit.